

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hideo MAKI et al.

Title: AN AUTOMATIC CHANGEOVER SYSTEM FOR COMMUNICATION NETWORKS WHICH CHANGES OVER FROM ONE COMMUNICATION NETWORK TO ANOTHER, AN AUTOMATIC CHANGEOVER STATION FOR THE SAME AND AN AUTOMATIC CHANGEOVER METHOD OF COMMUNICATION NETWORKS

Appl. No.: 10/694,295

Filing Date: 10/28/2003

Examiner: Danh C. Le

Art Unit: 2683

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(d), before payment of the issue fee.

CONCISE EXPLANATION OF RELEVANCE

The documents listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding Japanese application. A partial English translation of the Japanese Office Action of September 12, 2005, follows:

1. Matters described in the cited literature
 (1) Cited Literature 1

The art of connecting to a PHS or wireless LAN is disclosed, it being stated “(0073) In the communication scheme 201 illustrated in Figure 2, two wireless terminals 202 perform communication by seamlessly using PHS/PIAFS and IEEE 802.11b/wireless LAN. Thus, a PHS/PIAFS base station 203 and an IEEE 802.11b/wireless LAN base station 204 are provided.”

(2) Cited Literature 2

The art of connecting to an inexpensive system is disclosed, it being stated:
 “(0023) Another method of mode setting involves always setting cordless mode and attempting to register with a base station. If this succeeds, the power supply and switches are automatically set by the control unit 3 so that the terminal in question will function as a cordless terminal, and the terminal is put into a reception standby state. Furthermore, when registration with a base station in cordless mode is not possible, the power supply and switches are automatically set by the control unit 3 so that the terminal will function as a cellular terminal, and the terminal is registered with the corresponding base station and placed into a reception standby state.”
 “0025)

“(EFFECT OF THE INVENTION) According to the present invention, by automatically or manually switching the system used during reception standby, low power consumption and inexpensive system utilization becomes possible.”

(3) Cited Literature 3

The art of averaging the amount of change in reception level to decide on handover is disclosed, it being stated, “A plurality of decisions may be made using one or multiple thresholds. By performing comparison processing multiple times in this manner, it becomes possible to average the amount of change in reception level, so that handover will not be initiated due to momentary degradation of the reception level, making it possible to stably make the decision as to whether handover should be initiated.” ((0044))

List of Cited Literature

1. Japanese Unexamined Patent Application Publication 2002-271436
2. Japanese Unexamined Patent Application Publication 2000-349679
3. Japanese Unexamined Patent Application Publication 2002-101438

Applicants' statements regarding the Japanese Office Action are based on a partial translation that Applicant's representative obtained. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Japanese Office Action.

Corresponding U.S. patent documents are provided where available, together with English language abstracts. Applicant respectfully requests that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

STATEMENT

The undersigned hereby states in accordance with 37 CFR §1.97(e)(1) that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to filing of this Statement.

The undersigned hereby states in accordance with 37 CFR §1.704(d) that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the information disclosure statement.

FEE

A fee in connection with submission of a information disclosure statement under 37 CFR §1.97(d) in the amount of \$180.00 in accordance with 37 CFR §1.17(p) is attached.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date September 30, 2005

FOLEY & LARDNER LLP
Customer Number: 22428
Telephone: (202) 672-5407
Facsimile: (202) 672-5399

By Willy J. Attwola <sup>Reg. No.
38,819</sup>
for / David A. Blumenthal
Attorney for Applicant
Registration No. 26,257



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MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 14495 INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
Date Submitted: September 30, 2005 <i>(use as many sheets as necessary)</i>		Application Number	10/694,295
		Filing Date	10/28/2003
		First Named Inventor	Hideo MAKI
		Group Art Unit	2683
		Examiner Name	Danh C. Le
Sheet	1	of	1
		Attorney Docket Number	074273-0207

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
B1	6,813,495	B2		Sasaki et al.	11-02-2004	

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.